

19980415.ba v02_n014.bam.980415

>From ???@??? Thu Apr 16 03:29:54 1998
Message-Id: <199804152051.PAA21121@sco.theporch.com>
Date: Wed, 15 Apr 1998 15:46:20 CDT
Subject: BOATANCHORS digest 2014

BOATANCHORS Digest 2014

Topics covered in this issue include:

- 1) Re: Shipboard Crystal Detector
by Ho4bart <Ho4bart@aol.com>
- 2) Re: Early Radio
by Al Klase <skywaves@bw.webex.net>
- 3) Re: Shipboard Crystal Detector
by Ho4bart <Ho4bart@aol.com>
- 4) Re: Panel Meters and Steel
by Doug Hall <kf4kl@ipass.net>
- 5) Vackar
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 6) Re: Shipboard Crystal Detector
by Jerry Proc <jproc@idirect.com>
- 7) (no subject)
by Matt Parkinson <mattradi@earthlink.net>
- 8) R390a
by Matt Parkinson <mattradi@earthlink.net>
- 9) vackar
by philip mccooy <dgnova@erols.com>
- 10) Re: FOUND!! : Low-Level Hum in Viking II
by cormac@quicktel.com (Cormac Thompson)
- 11) Weird Mechanical Problem BC1004(SuperPro)
by Dave Metz <metzd@milo.cfw.com>
- 12) Thank Yous(e)
by don merz <71333.144@compuserve.com>
- 13) Panel Meters and Steel
by "Rhett T. George" <rtg@ee.duke.edu>
- 14) Hallicrafters SR2000 problem
by Steven Ensley <steve@globaldialog.com>
- 15) ANTIQUE XMTR COILS (HELP)
by K3DPJ <morry@ix.netcom.com>
- 16) Re: Shipboard Crystal Detector
by Ho4bart <Ho4bart@aol.com>
- 17) R392 Question Again
by Bill Risch <brisch@mn.uswest.net>
- 18) New Edition of Communication Receivers
by Sandra L Knepper <slkst29+@pitt.edu>
- 19) TCS Manuals, plugs, info Wanted

by Jim Hill <jshillw6ivw@earthlink.net>
20) FS: BC-375E + acc.
by David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
21) Re: SP-600 AGC trouble
by gv218!knudsen@gvmail.ih.lucent.com (Michael J Knudsen)
22) Re: Shipboard Crystal Detector
by gv218!knudsen@gvmail.ih.lucent.com (Michael J Knudsen)
23) GRC-109 ??
by BEN NOCK <G4BXD@compuserve.com>
24) Dayton list?
by Tony.Schroeder@sparticus.bright.net
25) Re: New Edition of Communication Receivers
by "Ed Santavicca" <santavic@ct.picker.com>
26) SRR-12 saga
by "Lamb, Charles E MD (MIS, SalemVA)"
<lambmd-ce@salem.ge.com>
27) Re: SRR-12 saga
by "P. J. Rovero" <provero@connix.com>
28) HW 8 and PS FS
by kb5ww@juno.com (George T Folse)
29) Grimeton to transmit again...
by "Lawrence R. Ware" <lrware@pipeline.com>
30) National Part Still Needed
by davidh@getnet.com

From: Ho4bart <Ho4bart@aol.com>
Message-ID: <fcdc1062.35342b5b@aol.com>
Date: Tue, 14 Apr 1998 23:36:58 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Shipboard Crystal Detector
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-14 07:39:50 EDT,
kf4kl@ipass.net writes:

> A friend of mine says that as late as the early 60's, there
>were still some ships sailing with these on board as "backup
>emergency receivers." (I find that hard to believe.)

---not unlikely, as probably there were still fair numbers of ww2
era equipment still in service. i wouldn't think this could have
been a US-flag ship, as their emergency crystal radios did not
have a separate detector, as far as i know, but were one-piece
units, and installed as one component of the 'coke machine'
(large unitized radio installation on 40s freightors).

it's interesting to think, probably altho installed on many ships,
probably not a one was ever used for the purpose it was
intended for.

hue

Message-ID: <35342CF7.8C01D02D@bw.webex.net>
Date: Tue, 14 Apr 1998 23:43:51 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Early Radio
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try to find them a copy of Practical Wireless Telegraphy by Elmer
Bucher. This covers the state of the art from an American Marconi
perspective circa 1917. They're a lot of these floating around.

Al

Richard Pekelney wrote:

>

> San Francisco Maritime National Historic Park is working on an exhibit of
> early maritime radios. They are mostly interested in getting information
> on pre-WW II radio equipment used on merchant marine ships (not Navy.)
>
> If any of you can recommend good references that we can pass on, it would
> be appreciated.

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

From: Ho4bart <Ho4bart@aol.com>
Message-ID: <53119cea.3534302e@aol.com>
Date: Tue, 14 Apr 1998 23:57:32 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Shipboard Crystal Detector
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-14 11:59:22 EDT, jproc@idirect.com writes:

>
> Until the early 1950's, it was a requirement of the British Merchant
> Shipping (Wireless
> Telegraphy) Rules that the radio installation aboard a British
> registered vessel
> should be capable of 'maintaining reception by means of a rectifier of
> the
> crystal type'.

---i have an International Marine Radio (UK) regen receiver built
1940 which does *not* have crystal receiving provision. and a
Marconi 730 which does. how figger?
hue

Date: Wed, 15 Apr 1998 00:19:02 -0400 (EDT)
Message-Id: <199804150419.AAA06073@earth.ipass.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Doug Hall <kf4kl@ipass.net>
Subject: Re: Panel Meters and Steel

Scott Townley <n timer@primenet.com> wrote:

>Stupid Question #1:
>
>I have several panel meters that have stamped on their backs, "calibrated
>for .xxx" steel panel".
>I also have several "working" panel meters, installed in .065" steel
>panels, that are *not* specifically marked "calibrated for (any) steel panel".
>It appears that these "working"--which means, installed in working
>equipment--meters consistently read about 10% too low (a 500mAdc meter
>reads 450mA with 500mA flowing thru it).
>Is this typical for the effect of a steel panel?
>If it's truly a percentage affair, then shouldn't I be able to adjust
>shunts/multipliers to compensate for the steel panel effect?
>Any experience, light, or heat that the group cares to shed would be
>appreciated!!

Indeed, this is not a stupid question. There is a good article in the
November 1951 issue of QST called "Every Mil I Have is Yours, or Beware of
Steel Panels" by George H. Floyd, W2RYT. He states that a reading 10% low is
not uncommon, and further states that if the meters aren't specifically
calibrated for steel panels then you can pretty much assume they were meant
to be used in non-magnetic panels. Nothing in the article on building

to provide some kind of sense of security. I can only speculate on this point.

In my research, I never ran across any WWII 'Sparkers' who had the opportunity to have used a crystal set. From what they tell me, they had enough trouble receiving signals with their superhets. For example, rules were specific for monitoring the low frequency broadcasts. A single broadcast signal was not strong enough to *reliably* span the Atlantic. When west of 32 degrees W, ships were to monitor the 'L' broadcast from Halifax on 105 KHz. When east of this line, receivers were to be switched to the 107 kHz "BN" Whitehall broadcast from England. When crossing 32W, two ships copied both broadcasts during the overlap period to ensure no messages would be lost. If a ship was without a receiver (and in convoy) flashing light could be the used as a means of relaying missed messages. In the event a ship lost the convoy, not being able to receive radio messages would likely be at the bottom of their list of concerns.

Now there's a good, fun, project - evaluating the performance of crystal radios at sea. Where do I sign up? :-)

Jerry Proc VE3FAB
jproc@idirect.com
Web: www3.sympatico.ca/hrc/haida
HMCS HAIDA Naval Museum, Toronto Ontario

Message-ID: <3534491D.872DF79A@earthlink.net>
Date: Tue, 14 Apr 1998 22:43:57 -0700
From: Matt Parkinson <mattradi@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: (no subject)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WBT looking an R388 for sale. I would like it to be working and to have two good meters . If it need a little work like cosmetics that is ok i can do that thanks Matt Parkinson KE6OUS 73s

Message-ID: <353461A8.3991FC05@earthlink.net>
Date: Wed, 15 Apr 1998 00:28:40 -0700
From: Matt Parkinson <mattradi@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: R390a
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HELP I am having trouble with two RF decks on an R390a radios . I took the two decks and put them in a known good working radio and they are dead. no action when you put my ant to them. I took the tubes out of the known working deck and still the same problem. i know I can get a new rebuilt one for 35.00 but that is not my goal.I look at the osc and the switch is working meaning that when you look at the resistance when you switch from 7 to 8 MHz you see the resistance change just like the book says any Ideas out there? Thanks Matt Parkinson KE6OUS

Message-ID: <3534C500.76C0@erols.com>
Date: Wed, 15 Apr 1998 07:32:32 -0700
From: philip mccoey <dgnova@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: vackar
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The vackar is an oscillator. As listed in RSGB handbook, it employs a 2N3819 and 2 each 2N3794

Message-ID: <353498BD.F9F@quicktel.com>
Date: Wed, 15 Apr 1998 04:23:41 -0700
From: cormac@quicktel.com (Cormac Thompson)
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: FOUND!! : Low-Level Hum in Viking II
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Lockhart wrote:

>
>
> The two plates of the 6AL5 were not hooked together! (full wave
> rectifier) The Viking evidently was a kit, and the builder connected
> one plate on either side of the choke.....
>
> Strange how it's remained wired wrong for 40+
> years.
>
> Point well taken. I recently acquired a Viking I which had been used on the air

recently before I got it. And from the looks of it, had been used a lot over the years and in later years converted to the 829B final.

When I got it it worked fine.....for a while, then the final would drop off. Let up on the plate switch and re-key it and right back on again every time. Work for a while, then cut out again. Investigation showed lack of excitation to the final. Checked a lot of parts out closely, reheated a lot of solder joints.....still no luck.

When there is no signal path, don't over look the obvious.....the wire from the bandswitch to the plate tank coil of the driver tube in the 80M position had never been soldered at the coil!! Connections above and below it all ok. The wire was simply passed through the eye on the coil form and bent over once. Lasted quite a while though! I had originally suspected the bandswitch itself when I noted that a slight pressure on the knob would cause the problem to occur. In actuality, the torque applied to the switch by turning the knob was pushing and pulling on the loose joint of the wire going to the coil.

Hope this experience helps someone. 73 and happy BA fixing!

Cormac, W7JHS
cormac@quicktel.com

Message-Id: <2.2.32.19980415123332.006ffb20@milo.cfw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Wed, 15 Apr 1998 08:33:32 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Dave Metz <metzd@milo.cfw.com>
Subject: Weird Mechanical Problem BC1004(SuperPro)

I have been working on a BC1004 (alias Sp 200 series) and found the following problem with the main tuning and bandspread caps. Each are a 4 section mounted on a very long shaft. The rotor assembly has a locking nut holding it fast to this shaft. In 3 sections of the 8, the locking nuts were cracked allowing the rotor half to spin on the shaft. Since one of the cracked nuts was the Oscillator, it didn't work too hot. This would have been almost impossible to see from the top unless one knew it was a problem. I only discovered it because I had removed the RF deck assembly to replace a couple of those pesky .01 caps in this assembly. I seemed to have repaired it using a two piece clamp that I had formerly gotten from Small Parts to fix the broken clamps on the R390A. They're sure not cheap but they seem to fix the problem. I didn't have the courage to take this cap assembly apart and got lucky (I think) because I still haven't put the assembly back into the radio. Time will tell but given that it somewhat worked before I took it apart, it should work a lot better now! Hope this helps with someone's

cussing at one of these units down the road. Fortunately, removing the RF deck is only 30 minutes work. The real time killer is maybe the 75 sheet metal screws holding the side panels on to access the caps and rotors.

73's
dave

Date: Wed, 15 Apr 1998 08:52:37 -0400
From: don merz <71333.144@compuserve.com>
Subject: Thank Yous(e)
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199804150855_MC2-39F1-EF61@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi. Long time no post...

It has been said here before but it bears repeating, this is one awfully classy group of folks. I have had many favors done for me by people on this list and I have tried to do my share in return. But I wanted to tell you about some of the wonderful "thank-yous" that I have received spontaneously in the mail. These were usually sent in response to a manual copy I provided or information or a small part etc.

One guy sent a really nice "kit" of spiced rice dishes and seasoning for fish and chicken. Mmmm--mmm, tasty! Another guy sent a great package of dried fruit--wonderful stuff. I tried to pay one fellow back for doing me a favor by giving him a small radio that he wanted. Damned if he wouldn't take it and insisted on paying for it. So I reverse haggled with him and when he said \$25, I said \$20--that worked.

Of course, I've also received many small parts and whatnot in response to WANTED postings here. People are so enthusiastic about seeing this stuff treated with love and care that they are glad to contribute. That's quite an atmosphere. I don't get that very much elsewhere in my life so it is a real treat to be part of this.

A grateful thanks to you all. There's more than one kind of glow on this list...

73, Don

From: "Rhett T. George" <rtg@ee.duke.edu>
Date: Wed, 15 Apr 1998 08:59:24 -0400
Message-Id: <199804151259.IAA17430@dsil12.ee.duke.edu>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Panel Meters and Steel

- Greetings -

Scott Townley raised a good question #1, not any other kind of question.

Many d'Arsonval movement meters were built with the permanent magnet in the form of a horseshoe which fit snugly in the i.d. of the meter case. Pole ends, coil movement, and cylindrical center flux concentrator completed the magnetic path. The two air gaps in the path were necessary so that the coil had room to move. When mounted in a steel panel, some magnetic flux would opt for the 'air' gap thru the sometimes bakelite case and complete the trip thru the panel. Make the panel thicker and more flux lines might opt for this route. This diversion of flux lines leaves fewer going thru the air gap provided for the coil movement. In turn, this means less flux for the current in the coil to interact with and less force to move the needle against the needle return springs. All of this means a low reading for a meter mounted in a steel panel.

One cure for this problem is to make the center cylinder, that part within the coil, the permanent magnet. As its position within the meter is not close to the panel, the panel material makes little difference.

Hope this is comprehensible and helpful.

73

Rhett - KE4HIH

Date: Wed, 15 Apr 1998 08:42:51 -0500 (CDT)
From: Steven Ensley <steve@globaldialog.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hallicrafters SR2000 problem
Message-ID: <Pine.BSI.3.91.980415083946.21620F-100000@msn.globaldialog.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While tuning my Hallicrafters SR2000 using an alternate method of maxing the output using an external FS meter (my plate current meter does not work), I inadvertently had the meter in the Reflected mode instead of the Forward. Right as I noticed this and moved to get it out of Tune mode I heard a little tink and now I have no output at all. I assume the tink was the sound of a fatally abused tube screaming in agony.

I am a fairly new ham and do not have much experience on troubleshooting these old rigs yet but another, experienced ham said that since I am getting no output at all rather than little output, this would indicate

that I fried a driver rather than the finals. Does this sound right? As long as I am in there, I am going to look at the plate current meter. Another post on the Boatanchors list was answered with advise to check the resistor network driving this meter, that one of them is probably be open.

Before I put it on the bench this weekend I wanted to get some more opinions on if I am barking up the right tree. Does anyone have any comments or advise that I should keep in mind? I have a supply of some of the tubes for this radio but If it turns out to be the finals then I imagine I have a problem. How much will those set me back and are they even available?

Steve
KB9RRM

"If a man is not a liberal at eighteen, he has no heart.
If he is not a conservative by the time he is thirty, he has no mind."
- Winston Churchill

Message-ID: <3534C991.86D5798D@ix.netcom.com>
Date: Wed, 15 Apr 1998 10:52:01 -0400
From: K3DPJ <morry@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ANTIQUE XMTR COILS (HELP)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HAVE THE FOLLOWING COILS AND WUD LIKE TO IDENTIFY AND MAYBE TRADE AS I DONT NEED THEM. THEY ARE IN A WOOD BOX AND APPEAR TO BE CIRCA 1930S BOX IS ABT 12 X 6 X 6 INCHS. COILS FOLLOWS. L-208, 207,206 ABT 2 IN DIA... L204,205,202,203 ABT 3 IN DIA.
ALSO XMTING CAPS WITH PLUGS ON THE IDENTIFIED AS C-211,212,213.
ANY HELP WUD HLP.
BEST 73 MORRY K3DPJ

From: Ho4bart <Ho4bart@aol.com>
Message-ID: <97483fc8.3534cabf@aol.com>
Date: Wed, 15 Apr 1998 10:57:02 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: Shipboard Crystal Detector
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

In a message dated 98-04-14 11:27:13 EDT, W0EOM@aol.com writes:

> By law, the ships were required to have a rx monitoring the distress freq.
> at
> all times.
> It was realized that a cheap xtal set would meet that requirement, which is
> why they remained in use for so long.

---if the crystal set book sez this, i believe the author resorted to
unfortunate guesswork instead of homework.
the crystal set was for emergency conditions where the vac-tube
receiver failed. (altho it's very difficult to imagine an emergency situation
where someone would want to waste precious time trying to dx with a
crystal radio. which is why they weren't ever used.)
the distress freq which as you point out had to be monitored at least
during the (1/2 hour ???) "silent periods" was also the MF 'calling
frequency' the rest of the time, so you would not expect a ship that
actually wanted to hear any messages to use a crystal radio for this,
at least after about 1919 (or so?) when vacuum-valve receivers came
into wide use.
hue

Date: Wed, 15 Apr 1998 09:58:57 -0500 (CDT)
Message-Id: <1.5.4.16.19980415094831.1ea7369a@mail.mn.uswest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Bill Risch <brisch@mn.uswest.net>
Subject: R392 Question Again

Greeting everyone,

more questions

I know that several users of the R-390/R-390A maintain
a list of contract information including dates, qty etc.
Does anyone have a similar list for the R-392?

The one that I have has the following info:

R-392/URR S/N 1003
Contract # 45236/A/DGDP/P-3
Electro-Craft Corp.
Hopkins, MN.

Wonder when it was produced and if there is any info on
anything that is different about this model?

TIA
Bill K0QK

Date: Wed, 15 Apr 1998 11:39:10 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: New Edition of Communication Receivers
Message-ID: <Pine.GS0.3.96L.980415113430.5437C-100000@unixs1.cis.pitt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I received my copy of the "big book," Shortwave Receivers, Past and Present," the third edition by Fred Osterman. The new edition now has 120 more pages or 471 pages. What a reference guide to receivers manufactured from 1942 through 1997. For only \$24.95 retail, it is quite a bargain.

Call 800-431-3939 at Universal Radio, Inc. in Reynoldsburg, Ohio, to order yours.

This is an unsolicited opinion and not an advertisement for the book.

Thought you would like to know.

Dave, W3BJZ
Publisher of the Collins Journal

Message-Id: <3.0.5.32.19980415084156.007e65e0@earthlink.net>
Date: Wed, 15 Apr 1998 08:41:56 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: TCS Manuals, plugs, info Wanted
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm looking for instruction manual(s) for the TCS transmitter and receiver. I have a TCS5 receiver and TCS8 transmitter. Also looking for plugs for this equipment, or a ideas for methods of connecting wires to the existing connectors. They are male connectors.

Any tips, especially pitfalls, on using this equipment would be appreciated.

73's Jim

Date: Wed, 15 Apr 1998 09:20:07 -0700 (PDT)
Message-Id: <199804151620.JAA06148@rubens.artisan.calpoly.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
Subject: FS: BC-375E + acc.

Have the following for sale:

BC-375E WWII transmitter. No tubes. Very good condition, a little paint peeling on one side right around the antenna connectors, can't see it from the front. Have the three connectors for the radio (cables cut near connectors). No shock mount. Photocopy of manual.

Dynomotor BC-77-KM - I think this is actually the dyno for the BC-191 12V version of the -375. Very dirty. Has the PL-61 plug (no cable), but not the HV connector plug (connector is on the unit, just no mating plug).

The following tuning units for the -375:

TU-6B - very good condition. This one has matching serial number to the transmitter. Interesting in that in the upper corner someone has written some numbers with small paint pen which read something like: B24M - XXXXX, I've always wondered if it might be the tail number of the B-24 this radio came from.

TU-7B - Excellent condition

TU-8B - New

TU-26B - good condition, no tuning chart

TU-10B - Fair condition

TU-9B - Good condition, no tuning chart

TU-5B - poor condition

TU-8B - poor condition

TU-9B - poor condition

Also have 6 tuning unit cabinets, CS-48, all from fair to poor. Most just need to be stripped and painted.

All of the above is untested electrically.

Would like \$125.00 for all of the above. If you're really crazy, I guess it could be shipped, but would cost a small fortune. I can deliver to the Military Radio Collector's Group meeting on May 2. If you'll come to my house in San Luis Obispo, California and pick it up it's only \$100.00 (probably worth that at the recyclers for scrap aluminum value ;-))

Thanks.

73
Dave
KF6BOM

David Ragsdale
doragsda@polymail.calpoly.edu

Date: Wed, 15 Apr 1998 11:43:32 -0500
Message-Id: <199804151643.LAA04417@gv218.ih.lucent.com>
From: gv218!knudsen@gvmail.ih.lucent.com (Michael J Knudsen)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SP-600 AGC trouble

Al is *generally* right in saying that rcvrs without PDs will pin the S-meter if AGC is left on during BFO usage.

However, the SP-600, the venerable NC-173, and a few other fine rx have a separate IF stage to drive the AGC detector, which taps off the IF signal ahead of the audio (AM) detector and BFO injection.

So, in an SP-600, a very small upward S-meter deflection may be noticed with BFO on, due to leakage (the R390A has a fancy bridge circuit to null out even that; add the R390 family to the above distinguished list).

But what Jose reported is def'ly a fault in this fine rx. The pumping of AGC on AM is wrong in any rx, and probably means an open AGC filter cap. The BFO leakage may be a separate bug.

Yes, the SP-600 has a separate BFO buffer amp tube to get "exalted" injection, and a pot in its cathode to set the level. For SSB I keep mine turned up full; doesn't everyone? :-)
That buffer tube is also a great place to stick a 6SA7 product detector, but haven't done that mod yet.

73, mike k aa9rg

Date: Wed, 15 Apr 1998 11:57:50 -0500
Message-Id: <199804151657.LAA04427@gv218.ih.lucent.com>
From: gv218!knudsen@gvmail.ih.lucent.com (Michael J Knudsen)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Shipboard Crystal Detector

Jerry and the gang: A stupid question:
How do you tickle the cats-whisker crystal to find
the most sensitive spot, in the absence of any signal?
That is, assuming the distress freq (500 KC?) is normally
quiet, how can you tell, and be sure that the detector
will indeed respond if/when an SOS comes up?

Is the tuning broad enough to let you check it on the
busy 475 KC freq? I would think so, but?

BTW, was it the Carpathia or the Californian whose radio
operator, exactly 86 years ago LAST NITE, went to bed at
a decent hour and didn't bother to wind up his magnetic detector?
I believe that tragic oversight led to most of the Wireless
Telegraphy RULES.

Jerry, your Haida Web site is outstanding! I could smell
the paint, bucnker oil, and fungus proofing as I prowled
thru your radio rooms. Highly recommended to all.

73, mike k aa9rg

Date: Wed, 15 Apr 1998 13:08:10 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: GRC-109 ??
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199804151308_MC2-39FA-26B6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Having the three units for the GRC-109, the rx, tx and psu, I was
wondering if there were bags or something that these units went it to be
carried ?, along the lines of the wax bags I have with my RS-6.

If there are such bags, are they available and from where ?.

Ben G4BXD

Message-Id: <199804151736.NAA27607@sparticus.bright.net>
From: Tony.Schroeder@sparticus.bright.net
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 15 Apr 1998 11:43:08 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Dayton list?

Greetings, all!

Anyone compiling a list of Dayton attendees' Flea Market spots? I'll be at 2149 & 2150 again this year, with my big brother Kev, N8SXU. Stop by and visit us, pick up a few bargains, and we may even have some cold refreshments to share!

I'll compile a list of Dayton spots if someone isn't doing so already.

With prayers for good weather, see you at Dayton!

73,

Tony N8SNC
tony@bright.net

From: "Ed Santavicca" <santavic@ct.picker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Wed, 15 Apr 1998 13:40:31 -0500
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Subject: Re: New Edition of Communication Receivers
Message-Id: <59E3054E1@ct1.ct.picker.com>

I couldn't agree with you more Dave! The book was very well done, and well worth the money. He even took the time to research the companies represented in the book and wrote a short history about each. It was very interesting to read.

good job Fred!

ps. Dave, the KWM-2 I bought from you last year at Dayton is still working great!

Ed

On 15 Apr 98 at 11:39, Sandra L Knepper wrote:

>
> I received my copy of the "big book," Shortwave Receivers, Past and
> Present," the third edition by Fred Osterman. The new edition now has 120
> more pages or 471 pages. What a reference guide to receivers manufactured
> from 1942 through 1997. For only \$24.95 retail, it is quite a bargain.
>
> Call 800-431-3939 at Universal Radio, Inc. in Reynoldsburg, Ohio, to order
> yours.
>
> This is an unsolicited opinion and not an advertisement for the book.
>
> Thought you would like to know.
>
> Dave, W3BJZ
> Publisher of the Collins Journal
>
>

Ed Santavicca

73 de AA8TV
Piper Warrior N44076
santavic@ct.picker.com

Message-ID: <E101BA1F68DECF11A6DE0080D82075D101E9904C@vasale01misge.salem.ge.com>
From: "Lamb, Charles E MD (MIS, SalemVA)"
<lambmd-ce@salem.ge.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SRR-12 saga
Date: Wed, 15 Apr 1998 14:12:25 -0400

Greetings folks,

I recently picked up an SRR-12 receiver that had several problems. First, I discovered that the oscillator tube was without filament voltage which turned out to be an open ballast tube. Having cured that with a constant-current squalid state circuit, I tackled next a very low sensitivity which turned out to be an open cathode return on a filter circuit in the IF. The audio also was distorted which arose from the output stage and turned out to be leaky caps and biasing resistors which had drifted high. So far so good....But I next realized that a mechanical problem existed. When actuating the bandswitch, one of the stages (the mixer) did not change. On closer examination, I found the

same problem that I often see in R390As and R392s - a broken shaft clamp. These were apparently made of a type of pot metal which, after 40+ years, will develop fatigue and fracture along a stress line adjacent to the tensioner screw. Hopefully, some of you will already be able to picture this beast as it is difficult to describe. I had some of our machine shop people attempt to weld it with a micro mig setup, but it failed as I expected it would. Has anyone had any experience with obtaining clamps/split ring pivoters or whatever to fabricate some sort of replacement? Perhaps even a chunk of steel appropriately bored and slotted with a saw could have the obligatory right angle arm welded on. This radio works well - on the band where the mixer is parked!

Anxiously awaiting your collective wisdom,

Charles Lamb
WD4KZK
<lambmd-ce@saalem.ge.com>

Date: Wed, 15 Apr 1998 14:53:06 -0400 (EDT)
From: "P. J. Rovero" <provero@connix.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SRR-12 saga
Message-ID: <Pine.BSI.3.95.980415144851.5619A-1000000@comet.connix.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Extend that SRR-12 saga to all the FRR/MRR/SRR series...

The number one request for spares from my collection of SRR-13 hulks is, you guessed it, those funny little link arms that do all the switching/shifting.

So much so that I have no good spares left, just a couple of stress fractured ones.

Maybe a limited run from a machine/casting shop? Enough to keep these puppies changing bands/modes for another generation?

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D
Curmudgeon at Large	web: http://www.connix.com/~provero/

To: Old Tube Radios <boatanchors@theporch.com>

Date: Wed, 15 Apr 1998 15:36:35 -0500
Subject: HW 8 and PS FS
Message-ID: <19980415.153638.12198.4.kb5ww@juno.com>
From: kb5ww@juno.com (George T Folse)

All,

I have A HW 8 and matching PS for sale. The rig has a few minor scratches on the top cabinet. All works ex.
\$120 + shipping

George Folse III KB5WWO kb5ww@juno.com or kb5ww@bellsouth.net
630 Dolhonde St.
Gretna, La. 70053
504-362-1896 ph/fax
Collector of Johnson, Heath, & Atwater Kent AMI#937

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Message-Id: <3.0.5.32.19980415155357.008222a0@pop.pipeline.com>
Date: Wed, 15 Apr 1998 15:53:57 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Grimeton to transmit again...
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I don't normally forward mail from other lists, but this information is primo BA material. :-)
Last time they had this monster running half the firebottle radios in America were trying to hear it....
(the other half won't tune that low... :-)

Whether your approach is high or low tech, don't miss a chance to hear the only working Alexandrian(sp?) alternator in the world....

>From a monitoring times post....

>The historic Grimeton Transmitter will be on air at May 28, 1998,
>probably at 11.00 CET and 15.00 or 16.00 CET (on longwave 17.2 kHz?).
>Also test transmissions are planned a day or two before. EDXC 98 (see
>August 27) will be visiting this site.

They say:

"Madness takes its toll."
Please have exact change...
lrware@pipeline.com

From: davidh@getnet.com
Message-Id: <199804152042.NAA08909@getnet.com>
Subject: National Part Still Needed
Date: Wed, 15 Apr 98 20:41:32 +0000
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I am still looking for the little red diamond shaped cloisonne National emblem that is used on the NC-200 and NC2-40D. It has the ketters NC in the diamond. My NC-200 has this and it also has the words "Silver Anniversary" on it. Would prefer one with Silver Anniversary but would settle for the same one without, Dimensions are approximately 1.25" across by 0.625 from top to bottom.

Anybody have one of these or an extra off of an old junker NC-200 or NC2-40D?

Please e-mail me directly.

73,

Dave N7RK

★

Dave N7RK - Webmaster CADXA
Phoenix, Arizona ★DXCC Honor Roll★ ★WAZ#23 - 75 Meter SSB★

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

davidh@getnet.com \\-//
http://www.getnet.com/~davidh (o!o)

-----oo00-()-00oo-----

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E-Mail Address

My Home Page

Visit the Central Arizona DX Association Home page --- <http://cadxa.org>

End of BOATANCHORS Digest 2014
